

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|------------------|
| L1 | 38 | 702/183;185.ccls. and pattern and knowledge adj base | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/02 14:21 |
| L2 | 1974 | 702/183,185.ccls. or 700/108,110.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/02 14:21 |
| L3 | 22 | 12 and steel and sensor and pattern | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/02 14:52 |
| L4 | 10 | 12 and process and subprocess | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/02 14:52 |
| S1 | 7 | US-5339257-\$.DID. OR US-5009833-\$.DID. OR US-5602761-\$.DID. OR US-6181975-\$.DID. OR US-4937763-\$.DID. OR US-5402521-\$.DID. OR US-5650940-\$.DID. | US-PGPUB; USPAT | OR | ON | 2005/02/03 14:21 |
| S2 | 1 | (US-5339257-\$.DID. OR US-5009833-\$.DID. OR US-5602761-\$.DID. OR US-6181975-\$.DID. OR US-4937763-\$.DID. OR US-5402521-\$.DID. OR US-5650940-\$.DID.) and actuator | US-PGPUB; USPAT | OR | ON | 2004/08/27 13:29 |
| S3 | 297 | 700/110.ccls. | US-PGPUB; USPAT | OR | ON | 2004/08/27 14:46 |
| S4 | 24 | 700/110.ccls. and actuator | US-PGPUB; USPAT | OR | ON | 2004/08/27 14:46 |
| S5 | 17 | (700/110.ccls. and actuator) and sensor | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:21 |
| S6 | 355 | "700"/\$.ccls. and (abnormal\$3 or anomal\$4) and sensor and actuator | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:22 |
| S7 | 0 | ("700"/\$.ccls. and (abnormal\$3 or anomal\$4) and sensor and actuator) and pickling | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:22 |
| S8 | 2 | ("700"/\$.ccls. and (abnormal\$3 or anomal\$4) and sensor and actuator) and hot same rolling | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:22 |
| S9 | 7 | (US-6181975-\$. or US-5650940-\$. or US-5602761-\$. or US-5402521-\$. or US-5339257-\$. or US-5241482-\$.).did. or (US-20040102864-\$.).did. | US-PGPUB; USPAT | OR | OFF | 2004/08/27 15:25 |
| S10 | 6 | ((US-6181975-\$. or US-5650940-\$. or US-5602761-\$. or US-5402521-\$. or US-5339257-\$. or US-5241482-\$.).did. or (US-20040102864-\$.).did.) and (correct\$3 or adjust\$3) | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:48 |
| S11 | 0 | "6213128".ccls. | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:48 |
| S12 | 1 | "6213128".pn. | US-PGPUB; USPAT | OR | ON | 2004/08/27 15:48 |
| S13 | 1174 | hot adj roll\$3 and pickl\$3 and cold adj roll\$3 and anneal\$3 | US-PGPUB; USPAT | OR | ON | 2004/08/27 17:22 |
| S14 | 715 | (hot adj roll\$3 and pickl\$3 and cold adj roll\$3 and anneal\$3) and metal | US-PGPUB; USPAT | OR | ON | 2004/08/27 17:22 |
| S15 | 795 | hot adj rolling and pickling and cold adj rolling and annealing | US-PGPUB; USPAT | OR | ON | 2004/08/27 17:22 |
| S16 | 468 | (hot adj rolling and pickling and cold adj rolling and annealing) and metal | US-PGPUB; USPAT | OR | ON | 2004/08/27 17:22 |
| S17 | 19 | ((hot adj rolling and pickling and cold adj rolling and annealing) and metal) and rolling adj stands | US-PGPUB; USPAT | OR | ON | 2004/08/27 17:23 |
| S18 | 431 | 700/108.ccls. | US-PGPUB; USPAT | OR | ON | 2004/08/27 17:47 |
| S19 | 2 | US-520318A-\$.DID. OR US-533156A-\$.DID. OR US-678230I-\$.DID. OR US-67923882-\$.DID. OR US-5847957-\$.DID. OR US-5691909-\$.DID. | US-PGPUB; USPAT | OR | ON | 2005/02/03 14:21 |

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| S20 | 8 | (US-20040102864-\$.did. or (US-5241482-\$ or US-5339257-\$ or US-5402521-\$ or US-5602761-\$ or US-5650940-\$ or US-6181975-\$ or US-6213128-\$.did. | US-PGPUB; USPAT | OR | OFF | 2005/02/03 16:06 |
| S21 | 4 | S20 and pattern | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:24 |
| S22 | 8 | (US-20040102864-\$.did. or (US-5241482-\$ or US-5339257-\$ or US-5402521-\$ or US-5602761-\$ or US-5650940-\$ or US-6181975-\$ or US-6213128-\$.did. | US-PGPUB; USPAT | OR | OFF | 2005/02/16 11:24 |
| S23 | 4 | S22 and pattern | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:24 |
| S24 | 1 | "6068887".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:35 |
| S25 | 889 | 700/108-110.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:35 |
| S26 | 4 | S25 and pattern and database and actuator | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:37 |
| S27 | 1 | "5331565".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:42 |
| S28 | 0 | US-520318A-\$.DID. OR US-533156A-\$.DID. OR US-678230B1-\$.DID. OR US-679238B2-\$.DID. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:42 |
| S29 | 0 | US-520318-\$.DID. OR US-533156A-\$.DID. OR US-678230B1-\$.DID. OR US-679238B2-\$.DID. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:43 |
| S30 | 1 | "5203188".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:43 |
| S31 | 1 | "5331565".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:43 |
| S32 | 1 | "6782305".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:44 |
| S33 | 1 | "6782304".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:44 |
| S34 | 1 | "6792388".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 11:44 |
| S35 | 1115 | 700/28.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 13:48 |
| S36 | 889 | 700/108-110.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 13:48 |
| S37 | 1115 | 700/28.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 13:48 |
| S38 | 18 | S37 and S36 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 13:48 |
| S39 | 1986 | S37 or S36 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 13:48 |

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| S40 | 3 | S39 and anomalous and database and pattern same (output or sensor) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 13:52 |
| S41 | 9 | S39 and representative adj. value | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:24 |
| S42 | 11 | representative adj value and actuator and (database or knowledge adj base) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:27 |
| S43 | 148 | "700"/\$.ccis. and representative adj value | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:41 |
| S44 | 4 | S43 and database | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:27 |
| S45 | 8 | "700"/\$.ccis. and recipe same actuator | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:35 |
| S46 | 2 | US-520318A-\$.DID. OR US-533156A-\$.DID. OR US-678230I-\$.DID. OR US-67923882-\$.DID. OR US-5847957-\$.DID. OR US-5691909-\$.DID. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:35 |
| S47 | 14 | (US-20040102864-\$.did. or (US-5241482-\$. or US-5339257-\$. or US-5402521-\$. or US-5602761-\$. or US-5650940-\$. or US-6181975-\$. or US-6213128-\$. or US-6068887-\$. or US-5331565-\$. or US-5203188-\$. or US-6782304-\$. or US-6792388-\$. or US-6604012-\$.).did. | US-PGPUB; USPAT | OR | OFF | 2005/02/16 14:38 |
| S48 | 3 | S47 and average and database | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 14:38 |
| S49 | 63 | "700"/\$.ccis. and EWMA | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 16:31 |
| S50 | 14 | S49 and abnormal\$5 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 15:39 |
| S51 | 1115 | 700/23,108-110;104,148.cdis. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 15:39 |
| S52 | 195 | S51 and abnormal\$5 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 15:39 |
| S53 | 62 | S52 and average | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 16:00 |
| S54 | 26 | S53 and database | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 16:00 |
| S55 | 16 | S54 and sensor\$2 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 16:00 |
| S56 | 5 | "700"/\$.ccis. and fres | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/02/16 16:31 |
| S57 | 1 | "5331565".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/05/27 10:53 |
| S58 | 1 | "5566092".pn. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/05/27 10:53 |
| S59 | 562 | 700/108.cdis. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/01 16:30 |

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| S60 | 367 | 700/110.ccls. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/01 16:30 |
| S61 | 4 | S60 and pattern and knowledge adj base | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/01 16:32 |
| S62 | 5 | S59 and pattern and knowledge adj base | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/08/02 13:56 |